



#10

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/509,234
Source: 1655
Date Processed by STIC: 4/12/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

#10

1655

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/12/2001
TIME: 15:54:04

Input Set : A:\PTO.txt
Output Set: N:\CRF3\04122001\I509234.raw

Does Not Comply
Corrected Diskette Needed

OK

3 <110> APPLICANT: Vannuffel, Pascal
4 Gala, Jean-Luc
6 <120> TITLE OF INVENTION: GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS AND DEVICES
7 FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
9 <130> FILE REFERENCE: VANM145.001A
10 <140> CURRENT APPLICATION NUMBER: 09/509,234
11 <141> CURRENT FILING DATE: 2000-09-25
13 <160> NUMBER OF SEQ ID NOS: 64
14 <170> SOFTWARE: PatentIn version 3.0

RECEIVED

APR 20 2001

TECH CENTER 1600/2900

ERRORED SEQUENCES

2419 <210> SEQ ID NO: 64
2420 <211> LENGTH: 18
2421 <212> TYPE: DNA
2422 <213> ORGANISM: femX9
2424 <400> SEQUENCE: 64
2425 agctcgaaaa tagaacta

18

E--> 2427 20
E--> 2430 1 delete at end of file

see following pages for more errors

2

RECEIVED

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
 TIME: 11:30:17 APR 20 2001

TECH CENTER 1600/2900

Input Set : A:\Pto.amc
 Output Set: N:\CRF3\04172001\I509234.raw

3 <110> APPLICANT: Vannuffel, Pascal
 4 Gala, Jean-Luc
 6 <120> TITLE OF INVENTION: GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS
 AND DEVICES

7 FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
 9 <130> FILE REFERENCE: VANM145.001A
 10 <140> CURRENT APPLICATION NUMBER: 09/509,234
 11 <141> CURRENT FILING DATE: 2000-09-25
 13 <160> NUMBER OF SEQ ID NOS: 64
 14 <170> SOFTWARE: PatentIn version 3.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 1328
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Staphylococcus femA Consensus Sequence
 22 <220> FEATURE:
 23 <221> NAME/KEY: misc_feature
 24 <222> LOCATION: 1-1328
 25 <223> OTHER INFORMATION: n= any nucleotide
 27 <400> SEQUENCE: 1

W--> 28	nnnnnnnnnn	nnnanaatga	antttacnaa	tttnacngcn	anagantttn	gnnnntntac	60
W--> 30	ngannnnnatg	ncnnanagnc	atttnacnca	nannnnngnn	nantangann	tnaannttgc	120
W--> 32	nnannnnnnnn	gannncann	tagtnggnat	naanaanaa	nataangang	tnattgcngc	180
W--> 34	ntgnntnttn	acngcngtnc	cngtnatgaa	antnttnaan	tanttttatt	cnaannnggg	240
W--> 36	ncengtnatn	gattntnana	annnaganct	ngtncantnn	ttctttaang	anttnnnnaa	300
W--> 38	ntatntnaaa	nannannntn	nnntatann	nnnnntngan	ccntannntn	cntatcaata	360
W--> 40	nnnnaatcat	gangnggann	tnnnngnnaa	tgcnnggnan	gattggntnt	tngatnannt	420
W--> 42	nnnnnnnnntn	ggntntnanc	annnnngntt	nnnnannggn	tttganccnn	tnnnncaa	480
W--> 44	nnngntnnan	tengntntan	atttannnnn	naaaannncn	nanganntnn	tnaannnnat	540
W--> 46	ggatngnntn	ngnaanngna	anacnaaaaa	agtannanaa	aatggngtna	aagtannntt	600
W--> 48	nnnnnnnnnaa	ganganntnc	cnatnttnng	ntcattnatg	gangatacnn	cnganncnaa	660
W--> 50	ngnnttnnnn	gatngngang	annnttnta	ntanaanngn	tnnnnnnatt	nnaaagannt	720
W--> 52	ngtntntgtn	ccntntgcnt	atatnnantt	tgatgantan	ntnnnnnga	tnnnnnnga	780
W--> 54	nngnnannnn	ntnantaag	annnnnaana	agcnnntnaa	ganatngana	aangnccnga	840
W--> 56	naanaaaaaa	gcnnnnnaa	annnnnnnaa	nnnnnaanan	caantnnnnng	cnaannanca	900
W--> 58	aaantnnnan	gangnnannn	nnntnnaann	nnancatggn	aangaattac	cnatntcngc	960
W--> 60	ngnntncttn	ntnatnaatc	cntntgaagt	ngtntantan	gcnggtggna	cntcnaatnn	1020
W--> 62	ntnnngncan	ttngcnggna	gntatgcntt	ncaatgggnn	atgattaant	atgcnttnna	1080
W--> 64	ncatnnnatn	nanngntana	attntatggt	nttagnggt	nantttanng	angangcnga	1140
W--> 66	agatngnggn	gtntntnaant	tnaaaaaang	ntnnnatgcn	ganntntntg	antangttgg	1200
W--> 68	ngantntntn	aaaccnatna	anaancntt	ntannnnnnn	tatanncan	tnaaaaant	1260
W--> 70	nnannnnann	nnnnntann	nannnnnnna	nnnnannnnn	nnnnnnatga	aatttacaga	1320
W--> 72	gttaannn						1328

75 <210> SEQ ID NO: 2
 76 <211> LENGTH: 35
 77 <212> TYPE: DNA
 78 <213> ORGANISM: primer
 80 <220> FEATURE:
 81 <221> NAME/KEY: misc_feature

see p.3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:17

Input Set : A:\Pto.amc

Output Set: N:\CRF3\04172001\I509234.raw

82 <222> LOCATION: ② *name other locations, too OR show as (1)..(35)*
83 <223> OTHER INFORMATION: n= any nucleotide
85 <400> SEQUENCE: 2
> 86 ~~anaatgaant~~ ~~ttacnaattt~~ ~~nacngcnana~~ ~~gannt~~ 35
89 <210> SEQ ID NO: 3
90 <211> LENGTH: 20
91 <212> TYPE: DNA
92 <213> ORGANISM: femS1
94 <400> SEQUENCE: 3
95 taatgaagtt tacaaaattt 20
98 <210> SEQ ID NO: 4
99 <211> LENGTH: 20
100 <212> TYPE: DNA
101 <213> ORGANISM: femS2
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: 14
106 <223> OTHER INFORMATION: n= any nucleotide
108 <400> SEQUENCE: 4
W-K 109 ~~taatgaagtt~~ ~~tacnaaattt~~ 20
112 <210> SEQ ID NO: 5
113 <211> LENGTH: 25
114 <212> TYPE: DNA
115 <213> ORGANISM: primer
117 <220> FEATURE:
118 <221> NAME/KEY: misc_feature
119 <222> LOCATION: ← *give locations*
120 <223> OTHER INFORMATION: n= ? (*define "n"*)
122 <400> SEQUENCE: 5
W--> 123 ~~atgncnnana~~ ~~gcattttac~~ ~~ncana~~ 25
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 20
128 <212> TYPE: DNA
129 <213> ORGANISM: femU1
131 <400> SEQUENCE: 6
132 tgccatatag tcatttacgc 20
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 37
137 <212> TYPE: DNA
138 <213> ORGANISM: primer
140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: ← *give locations*
143 <223> OTHER INFORMATION: n= any nucleotide
145 <400> SEQUENCE: 7
W--> 146 ~~tagtngnat~~ ~~aaanaanaa~~ ~~nataangang~~ ~~unattgc~~ 37
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 35
151 <212> TYPE: DNA

see pp 4-6, too

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001

TIME: 11:30:17

Input Set : A:\Pto.amc

Output Set: N:\CRF3\04172001\I509234.raw

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152 <213> ORGANISM: primer
154 <220> FEATURE:
155 <221> NAME/KEY: misc_feature
156 <222> LOCATION: ← give locations
157 <223> OTHER INFORMATION: n= any nucleotide
159 <400> SEQUENCE: 8
W--> 160 gtnccngtna tgaaantntt naantanttt tattu 35
163 <210> SEQ ID NO: 9
164 <211> LENGTH: 18
165 <212> TYPE: DNA
166 <213> ORGANISM: primer
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <222> LOCATION: ← give locations
171 <223> OTHER INFORMATION: n= any nucleotide
173 <400> SEQUENCE: 9
W--> 174 aatgcngggn angattgg 18
177 <210> SEQ ID NO: 10
178 <211> LENGTH: 43
179 <212> TYPE: DNA
180 <213> ORGANISM: primer
182 <220> FEATURE:
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: ← give locations
185 <223> OTHER INFORMATION: n= any nucleotide
187 <400> SEQUENCE: 10
W--> 188 gnaanngnaa nacnaaaaaa gttnnanaana atggngtnaa agt 43
191 <210> SEQ ID NO: 11
192 <211> LENGTH: 18
193 <212> TYPE: DNA
194 <213> ORGANISM: fsq1S
196 <400> SEQUENCE: 11
197 aaaaagttca aaaaatgg 18
200 <210> SEQ ID NO: 12
201 <211> LENGTH: 18
202 <212> TYPE: DNA
203 <213> ORGANISM: fsq2S
205 <400> SEQUENCE: 12
206 aaaaagtaca aaaaatgg 18
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 40
211 <212> TYPE: DNA
212 <213> ORGANISM: primer
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: ← give locations
217 <223> OTHER INFORMATION: n= any nucleotide
219 <400> SEQUENCE: 13
W--> 220 aagangannt nccnatnttn ngntcattna tggangatac 40

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001

TIME: 11:30:17

Input Set : A:\Pto.amc

Output Set: N:\CRF3\04172001\I509234.raw

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223 <210> SEQ ID NO: 14
224 <211> LENGTH: 20
225 <212> TYPE: DNA
226 <213> ORGANISM: primer
228 <220> FEATURE:
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: ← give locations
231 <223> OTHER INFORMATION: n= any nucleotide
233 <400> SEQUENCE: 14
W--> 234 tatatnnant ttgatganta 20
237 <210> SEQ ID NO: 15
238 <211> LENGTH: 32
239 <212> TYPE: DNA
240 <213> ORGANISM: primer
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: ← give locations
245 <223> OTHER INFORMATION: n= any nucleotide
247 <400> SEQUENCE: 15
W--> 248 aanganatng anaaangncc nganaanaaa aa 32
251 <210> SEQ ID NO: 16
252 <211> LENGTH: 18
253 <212> TYPE: DNA
254 <213> ORGANISM: fsq3S
256 <400> SEQUENCE: 16
257 aaagatatcg aaaaacga 18
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: fsq4S
265 <400> SEQUENCE: 17
266 aaagatatcg aaaagagacc 20
269 <210> SEQ ID NO: 18
270 <211> LENGTH: 18
271 <212> TYPE: DNA
272 <213> ORGANISM: fsq5S
274 <400> SEQUENCE: 18
275 aaagatatcg agaaagac 18
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 18
280 <212> TYPE: DNA
281 <213> ORGANISM: fsq6S
283 <400> SEQUENCE: 19
284 aaagacatcg acaagcgt 18
287 <210> SEQ ID NO: 20
288 <211> LENGTH: 22
289 <212> TYPE: DNA
290 <213> ORGANISM: primer
292 <220> FEATURE:

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001

TIME: 11:30:17

Input Set : A:\Pto.amc

Output Set: N:\CRF3\04172001\I509234.raw

293 <221> NAME/KEY: misc_feature
294 <222> LOCATION: *← give locations*
295 <223> OTHER INFORMATION: n= any nucleotide
297 <400> SEQUENCE: 20
W--> 298 ancattgnaa ngaattaccn at 22
301 <210> SEQ ID NO: 21
302 <211> LENGTH: 19
303 <212> TYPE: DNA
304 <213> ORGANISM: fem1
306 <400> SEQUENCE: 21
307 gaacattgta atgaattac 19
310 <210> SEQ ID NO: 22
311 <211> LENGTH: 32
312 <212> TYPE: DNA
313 <213> ORGANISM: primer
315 <220> FEATURE:
316 <221> NAME/KEY: misc_feature
317 <222> LOCATION: *← give locations*
318 <223> OTHER INFORMATION: n= any nucleotide
320 <400> SEQUENCE: 22
W--> 321 aatccntntg aagtngtnta ntangcnggt gg 32
324 <210> SEQ ID NO: 23
325 <211> LENGTH: 35
326 <212> TYPE: DNA
327 <213> ORGANISM: primer
329 <220> FEATURE:
330 <221> NAME/KEY: misc_feature
331 <222> LOCATION: *← give locations*
332 <223> OTHER INFORMATION: n= any nucleotide
334 <400> SEQUENCE: 23
W--> 335 agntatgcnn tncattggnn natgattaan tatgc 35
338 <210> SEQ ID NO: 24
339 <211> LENGTH: 44
340 <212> TYPE: DNA
341 <213> ORGANISM: primer
343 <220> FEATURE:
344 <221> NAME/KEY: misc_feature
345 <222> LOCATION: *← give locations*
346 <223> OTHER INFORMATION: n= any nucleotide
348 <400> SEQUENCE: 24
W--> 349 ttanngang angcngaaga tgnngngtn ntanaantna aaaa 44
352 <210> SEQ ID NO: 25
353 <211> LENGTH: 20
354 <212> TYPE: DNA
355 <213> ORGANISM: fem3bio
357 <400> SEQUENCE: 25
358 ttactgaag atgctgaaga 20
361 <210> SEQ ID NO: 26
362 <211> LENGTH: 20

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/509,234

DATE: 04/17/2001
TIME: 11:30:18

Input Set : A:\Pto.amc
Output Set: N:\CRF3\04172001\I509234.raw

L:10 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26